

## Abstract

A silicon-steel structure for motor comprises a silicon-steel plate made of magnetic material. The silicon-steel plate comprises a main body of rectangular shape when being expanded and a plurality of tooth portions on top and bottom sides of the main body. The tooth portions are integrally formed on top and bottom sides of the main body and have same pitch. Moreover, the tooth portions on top of the main body are complementary and staggered with the tooth portions on bottom of the main body. The tooth portions are bent vertically with respect to the main body and the main body is rolled to form a cylindrical shape to form a silicon-steel structure for motor.

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